

REMARKS

Claims 1, 9, 13, 19 and 21-36 are pending. No claim amendments are made at this time.

As will be shown by the enclosed Declaration and remarks, no new matter has been added to the claims, as what is claimed is completely supported by the specification, inherently or expressly.

Claims 1, 9, 13, 19 and 21-36 are rejected under 35 USC § 112, first paragraph, as failing to comply with the written description requirement. (Office Action p.2)

Enclosed is a Declaration under 37 CFR 1.132 which shows on p.4 that a force gauge was pulled to a force of 20 to at least 50 Kg/cm² during which no breakage occurred. Thereafter, the force gauge was pulled upwards in the vertical tensile direction as shown in Photo 4, and the indicator needle indicated 50 Kg which is the threshold value of the graduations. When the force gauge was further pulled upwards beyond 50Kg, the stud was then fractured as shown in Photo 4.

This showing is commensurate in scope with the claims and supports the claimed range of composite vertical tensile strength from 20 Kg/cm² to at least 50 Kg/cm² in all claims.

The standard unit of vertical tensile strength is the Kg/cm², as previously declared to in the April 12, 2010 Yamaguchi Declaration on units. As documentary support for the units of vertical tensile strength, Japanese Industrial Standard for Testing Methods for Tensile Strength of Adhesive Bonds (JIS K 6849) was previously submitted with a partial translation.

For a complete English reference document, the applicants refer the Examiner to publicly available ASTM D2095 - 96(2008) Standard Test Method for Tensile Strength of Adhesives by Means of Bar and Rod Specimens. The ASTM D2095 - 96(2008) test method covers the determination of the relative tensile strength of adhesives by the use of bar- and rod-shaped butt-joined specimens under defined conditions of preparation, conditioning, and testing. This test method is applicable to the testing of adhesives with various adherend materials in either similar or dissimilar combinations. The documents is cited for the public record to show that the standard measurement unit of tensile strength, given in SI units, is Kg/cm².

In conclusion, the enclosed Declaration measures vertical tensile strength, as claimed and described in the specification; and the previously submitted Declaration on units along with publicly available ASTM D2095 - 96(2008) provide sufficient evidence that the standard unit used for measuring tensile strength is the Kgf/cm^2 .

In view of the above Declaration showings, applicant believes the pending application is in condition for allowance.

The Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Deposit Account No. 04-1105.

Dated: June 1, 2010

Respectfully submitted,

Customer No. 21874

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Encls: 1) Vertical tensile strength Declaration (4 pages)